

INLET SUMMARY SHEET

INLET: **East of Jacks Island (#47)**

DATE AND TIME SURVEYED AND TIDE STAGE: 23 March 1999, 16:20-17:00. High at 12:32 (+3.6), Low at 17:48 (-0.1), at Anthony Point, Sakonnet River Station #1147.

INLET CLASS: **B/C**

GEOMORPHOLOGY: A bayhead pocket beach/spit that shelters a coastal pond. Sediment is so sparse that most of the spit complex is overwashed at high tide.

PRINCIPAL RESOURCES AT RISK: Some salt marshes and tidal flats are associated with the area. Birds, including waterfowl (black ducks, mergansers, scaups, brants, diving ducks, buffleheads), shorebirds, raptors (osprey), and gulls utilize this location. Winter flounder, weakfish, and striped bass are found in the vicinity. Oysters, clams and quahogs (*Mercenaria*) are present. Recreational fishing (including striped bass) and clamming occurs in the vicinity of Sapowet Point. This area is part of the Emily Rueker Wildlife Refuge. There are a few residences on the eastern side of the marsh.

PRELIMINARY PROTECTION STRATEGY: Due to absence of good collection points and the fact that much of the entrance is overwashed at high tide, the objective is to prevent incoming oil by deploying two lines of protection boom across the entire entrance to the pond. Construction of a sediment dike is not practical due to the large length that would be necessary (approximately 300 yards) and the lack of available sediment.

From an anchor point located at the base of the western-most riprap groin on the western side of the pond, deploy protection boom in a northerly direction on the western side of the riprap. From the end of the riprap, continue with protection boom in a NE direction across the entire length of the pond to an anchor point on the riprap located north of the pond. From an anchor point located at the base of the eastern riprap on the western side of the pond, deploy protection boom in a northerly direction on the western side of the riprap. From the end of the riprap, continue with protection boom in a NE direction across the entire length of the pond to an anchor point on the riprap located north of the pond. A skimmer could be positioned outside the outer line of boom to collect any oil that accumulates there.

Collection Point	Description	Access	Proposed Equipment
	Protection boom	Access to SW side: From Hwy. 77 (Main St.), turn west on Sapowet Rd. Turn north on the first road, at the point where Sapowet Rd. makes a 90° turn to the south. Access to NE side: From Hwy. 77 (Main St.), turn west on the road north of Sapowet Rd. Continue to access point, and access through private property.	Approx. 1,300 ft. protection boom, 13 sets of anchors.
	Protection boom	Same as above.	Approx. 1,100 ft. protection boom, 11 sets of anchors.

RESOURCES REQUIRED (if full strategy is implemented): Approximately 2,400 ft. of protection boom; 24 anchor sets minimum. Vacuum trucks (2,000-5,000 gal. capacity) with skimmer heads, additional storage capacity, and other equipment as needed.

CONTACT INFORMATION:

- | | |
|--|----------------|
| Rhode Island Dept. of Env. Mgmt. Emergency Response: | (401) 222-3070 |
| U.S. Fish and Wildlife: | (401) 364-9124 |
| U.S. Coast Guard: | (401) 435-2300 |
| Coastal Resources Management Council: | (401) 783-3370 |
| Tiverton EMA Director: | (401) 625-6741 |

OTHER COMMENTS:

47 - EAST OF JACKS ISLAND



From USGS 7.5' topographic quad: Tiverton, RI-Mass published: 1949, photorevised 1970 and 1975

SCALE 1 : 24,000

1 .5 0 1

MILES

1 .5 0 1

KILOMETERS



INLET SKETCH MAP

Inlet Name EAST OF JACKS ISLAND

Inlet Number 47

Recorder(s) MOH/LC/SM/TH

Date/Time 23 MARCH 1999; 1700

Tide Stage EBB

Inlet Classification B / C

CHECKLIST

- North Arrow
- Scale
- Substrate Type

326

LEGEND

 R
Red Channel
Marker Buoy

 G
Green Channel
Marker Buoy

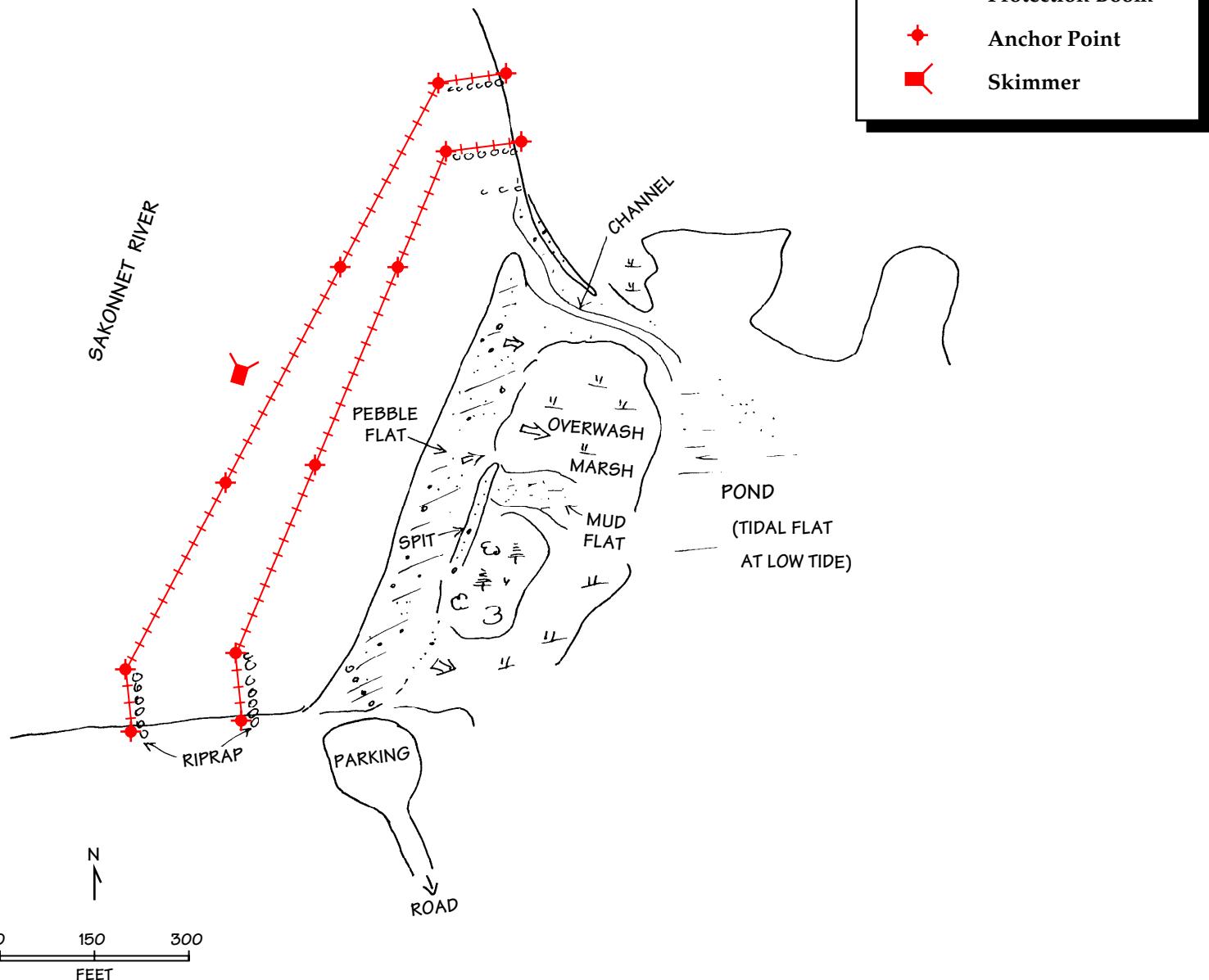
 Marsh

 Riprap

 Sand

 Sand & Gravel

 Gravel



47 - EAST OF JACKS ISLAND



From USGS NAPP: roll #8358, frame #75; March 1995; scale 1:40,000

327

0 1 2 MILES



Looking NE across pebble spit towards inlet channel at low tide on 23 March 1999, pond East of Jacks Island (#47).



Looking SE at low tide on 17 March 1999, pond East of Jacks Island (#47).